

M 09/311.769  
5744/3.3765.

PCT WORLD ORGANISATION FOR INTELLECTUAL PROPERTY  
International Office  
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT  
COOPERATION TREATY (PCT)

<p>(51) International patent classification<sup>6</sup> : A01N 57/20 // (A01N 57/20, 41:06, 37:48, 33:22)</p>	A1	<p>(11) International publication number: <b>WO 96/22692</b> (43) International publication date: 1 August 1996 (01.08.96)</p>
<p>(21) International application number: PCT/EP96/00072 (22) International filing date: 10 January 1996 (10.01.96) (30) Data relating to the priority: 195 01 986.5 24 January 1995 (24.01.95) DE (71) Applicant (for all designated States except US): HOECHST SCHERING AGREVO GMBH [DE/DE]; Miraustrasse 54, D-13509 Berlin (DE). (72) Inventors; and (75) Inventors/Applicants (US only): Jürgen CREMER [DE/ DE]; Taunusstrasse 62, D-65817 Eppstein (DE). Jean KOCUR [DE/DE]; Am Heiligenstock 1, D-65719 Hofheim (DE). Georges KRUG [DE/DE]; Liederbacher- strasse 8, D-65929 Frankfurt (DE).</p>	<p>(81) Designated States: AL, AM, AU, AZ, BB, BG, BR, BY, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, KZ, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TR, TT, UA, US, UZ, VN, ARIPO Patent (KE, LS, MW, SD, SZ, UG), European Patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> With the International Search Report. Before expiry of the period provided for amending the claims. Further publication will be made if such amendments are received.</p>	
<p>(54) Title: SYNERGISTIC HERBICIDAL AGENTS BASED ON GLUFOSINATES AND NITRODIPHENYL ETHERS AND THEIR FORMULATIONS</p> <p>(54) Bezeichnung: SYNERGISTISCHE HERBIZIDE MITTEL AUS BASIS GLUFOSINATE UND NITRODIPHENYLETHERN SOWIE DEREN FORMULIERUNGEN</p> <p>(57) Abstract</p> <p>Herbicidal agents containing A) glufosinates or their salts or similar agents like bialophos, B) a nitrodiphenyl ether herbicide like oxyfluorophene and C) an alkyl polyglycol ether sulphate tenside have synergistic herbicidal effects. Components A, B and C can be jointly formulated in the form of an aqueous emulsion in which there are 1-15 % A), 0.1 to 5 % B), 1-15 % C), 3 to 30 % organic solvent, 40-60 % water, 2-10 % emulsifier and 0 to 20 % ordinary formulation auxiliaries.</p> <p>(57) Zusammenfassung</p> <p>Herbizide Mittel mit einem Gehalt an A) Glufosinate oder deren Salze oder analoge Mittel wie Bialaphos, B) ein Nitrodiphenyletherherbizid wie Oxyfluorphen und C) ein Alkylpolyglykolethersulfat-Tensid weisen synergistische herbizide Wirkungen auf. Die gemeinsame Formulierung der Komponenten A, B und C ist in Form einer wäßrigen Emulsion möglich, die gekennzeichnet ist durch 1-15 % A), 0,1 bis 5 % B), 1-15 % C), 3 bis 30 % org. Lösungsmittel, 40-60 % Wasser, 2-10 % Emulgator und 0 bis 20 % üblicher Formulierungshilfsmittel.</p>		